| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| [3] | 1 | ((transmi\$5 adj diversity) and (bs or bts or base adj2 station) and tune adj weight and (slot or timeslot) and phase and (closed adj loop)):clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 17:46 |
| S1 | 1 | (transmi\$5 adj diversity) with (bs or bts or base adj station) with feedback adj weight with (slot or timeslot) with second with first with feedback adj phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:55 |
| S2 | 1 | (transmi\$5 adj diversity) with (bs or bts or base adj station) with feedback adj weight with (slot or timeslot) with feedback adj phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:55 |
| S3 | 1 | ((transmi\$5 adj diversity) with (bs or bts or base adj station) with feedback adj weight) and(slot or timeslot) and feedback adj phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:55 |
| S4 | 3 | ((transmi\$5 adj diversity) and(bs or bts or base adj station) and feedback adj weight) and(slot or timeslot) and feedback adj phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:56 |
| S5 | 3 | ((transmi\$5 adj diversity) and (bs or bts or base adj station) and feedback adj weight) and(slot or timeslot) and feedback adj phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:57 |
| S6 | 2 | S5 not S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:56 |
| S7 | 3 | ((transmi\$5 adj diversity) and (bs or bts or base adj station) and feedback adj weight) and (slot or timeslot) and feedback adj phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:58 |

| S8 | 1 | (transmi\$5 adj diversity) and (bs or bts or base adj station) and feedback and weight and (slot or timeslot) and phase and phase adj difference and estimat\$3 and tune adj weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:59 |
|-----|----|--|---|----|-----|------------------|
| S9 | 40 | (transmi\$5 adj diversity) and (bs or bts or base adj station) and feedback and weight and (slot or timeslot) and phase and phase adj difference and estimat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:07 |
| S10 | 39 | S9 not S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 11:59 |
| S11 | 38 | S10 not: S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:00 |
| S12 | 0 | S11 and tune | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:01 |
| S13 | 34 | S11 and closed adj loop | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:26 |
| S14 | 12 | S13 and (feedback and phase and diversity).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:02 |
| S15 | 11 | S13 and (feedback and phase and diversity and weight\$3).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:03 |

| S16 | 0 | S13 and (feedback with phase with diversity with weight\$3).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:02 |
|-----|----|--|---|----|-----|------------------|
| S17 | 1 | S15 and (pilot adj symbol and common adj pilot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:35 |
| S18 | 10 | S15 not S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:05 |
| S19 | 11 | S15 and (pilot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:23 |
| S20 | 3 | S19 and dedicated adj physical | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:35 |
| S21 | 4 | S19 and dpch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:24 |
| S22 | 1 | S19 and (add\$3 and subtract\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:35 |
| S23 | 22 | S13 not S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:34 |

| S24 | 6 | S23 and (pilot adj symbol and common adj pilot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:35 |
|-----|----|---|---|----|-----|------------------|
| S25 | 3 | S24 and (dedicated adj physical or dpch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:35 |
| S26 | 1 | S25 and (add\$3 and subtract\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:36 |
| S27 | 2 | S25 not S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:37 |
| S28 | 3 | S24 not S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:38 |
| S29 | 16 | S23 not S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 12:38 |
| S30 | 22 | diversity.ab. and (weigh\$3 with feedback) and (feedback with phase) and phase adj difference | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:45 |
| S31 | 1 | S30 and tune adj weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:46 |

| 532 | 21 | S30 not S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:46 |
|-----|----|--|---|----|-----|------------------|
| S33 | 18 | S32 and closed adj loop | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:46 |
| S34 | 8 | S33 and (diversity with phase adj difference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:47 |
| S35 | 1 | S34 and (add\$3 and subtract\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:49 |
| S36 | 4 | S34 and (pilot and (dpch or dedicated adj physical)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:51 |
| S37 | 4 | S34 not S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:51 |
| S38 | 14 | S33 not S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:51 |
| S39 | 12 | S38 and estimat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/25 13:55 |

| S40 | 1 | S30 and (disabl\$3 with closed adj loop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 15:59 |
|-----|-----|---|---|----|-----|------------------|
| S41 | 2 | (transmit or transmission) with diversity with (disabl\$3 with closed adj loop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:00 |
| S42 | 282 | (transmit or transmission) with diversity with (closed adj loop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:01 |
| S43 | 280 | S42 not S41 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:01 |
| S44 | 124 | S43 and (closed adj loop) with (base adj2 station or bts or bs) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:02 |
| S45 | 2 | S44 and (closed adj loop) with (command) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:02 |
| S46 | 8 | S44 and (closed adj loop) with (command\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:06 |
| S47 | 0 | S44 and (closed adj loop) with (disabl\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:07 |

| S48 | 0 | S44 and (closed adj loop) with ("off") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:07 |
|-----|----|---|---|----|-----|------------------|
| S50 | 92 | ((transmi\$5 adj diversity) and (bs or bts or base adj2 station) and feedback and weight and (slot or timeslot) and phase and (closed adj loop)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:12 |
| S51 | 1 | ((transmi\$5 adj diversity) and (bs or bts or base adj2 station) and feedback and weight and (slot or timeslot) and phase and (closed adj loop)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 17:45 |
| S52 | 28 | S50 and (transmi\$5 adj diversity). ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:10 |
| S53 | 4 | S52 and feedback adj phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:10 |
| S54 | 3 | S53 not S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:11 |
| S55 | 0 | S54 and (disabl\$3 with closed adj loop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:11 |
| S56 | 80 | ((transmi\$5 adj diversity) and (bs or bts or base adj2 station) and feedback and weight and (slot or timeslot) and phase and (closed adj loop with diversity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:14 |

| S57 | 4 | ((transmi\$5 adj diversity) and (bs or bts or base adj2 station) and feedback adj weight and (slot or timeslot) and feedback adj phase and (closed adj loop with diversity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:30 |
|-----|---|--|---|----|-----|------------------|
| S58 | 1 | ((transmi\$5 adj diversity) and (bs or bts or base adj2 station) and feedback adj weight and (slot or timeslot) and feedback adj phase and (closed adj loop with diversity)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:14 |
| S59 | 3 | S57 not S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:14 |
| S60 | 1 | ((transmi\$5 adj diversity) and (bs or bts or base adj2 station) and (first or second) adj feedback adj weight and (first or second) adj (slot or timeslot) and feedback adj phase and (closed adj loop with diversity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 16:31 |